


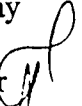




Memorandum

September 29, 2004

TO: Jay Drye MS 47330
THRU:  Mike Frucci/Charlene Kay 
FROM:  Ken Olson/Ted Trepanier 
SUBJECT: XL-1629
SR 90 – Lincoln Co. Line to Salnave Vicinity
State Force Labor Justification

This is the formal request for approval to use State Force Labor at a cost of \$13,222 to perform Environmental Sensing Station (ESS) sensor replacement work on this project.

Description:

The ER Signal Shop will purchase and install new in-pavement and subsurface sensors to replace sensors that will be removed and/or damaged during planing/paving operations performed during construction of the project.

Justification:

The ER Signal Shop has installed complete ESS systems and installed or replaced many sensors. They provide maintenance for all the ESS systems in the Eastern Region. ER Signal Shop personnel know the correct procedure for install and documentation to ensure product warranty. Because of the extreme care required to ensure product warranty, it would cost the contract more money to have the contractor install the sensors.

Creating plans, specifications and details for the contract for the work described above would be time consuming and costly.

Benefits:

The use of State Force Labor to perform this work would result in a cost and time savings to the contract and the traveling public.

Estimates:

Labor

- 50 hours labor, 25 hours @\$37, and 25 hours @\$55.5

Equipment

- Van for 20 hours @\$2.50 per hour

Material

- \$9050 for 2 FP2000's

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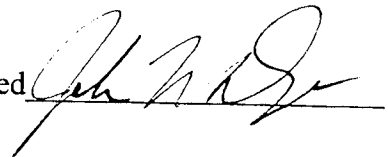
- \$1310 for 1 sub surface sensor
- \$250 for sealant
- \$250 for sawcut

Total = \$13,222

If you have any questions or need any additional information please call Becky Spangle
at (509) 324-6560

bs
cc: file

Approved

A handwritten signature in black ink, appearing to read "Jay Drye", is written over a horizontal line.